

**Claims**

1. A hair treatment composition comprising  
5 i) 2-hydroxyalkanoic acid and;  
ii) 0.1 to 10 wt% of a styling aid.
2. A hair treatment composition according to claim 1 in  
10 which the 2-hydroxyalkanoic acid is selected from the  
group consisting of 2-hydroxyhexanoic acid, , 2 hydroxy  
heptanoic, 2-hydroxyoctanoic acid, 2,-hydroxynonanoic  
acid, 2-hydroxydecanoic acid or mixtures thereof.
3. A hair treatment composition according to claim 1 or  
15 claim 2 in which the 2-hydroxyalkanoic acid is 2-  
hydroxyoctanoic acid.
4. A hair treatment composition according to any preceding  
20 claim in which the styling aid is a vinylic polymer.
5. A hair treatment composition according to any preceding  
claim in which the polymer is a block copolymer.
6. A hair treatment composition according to any preceding  
25 claim that is a leave on product.
7. A method of styling hair by applying to the hair a  
composition comprising a 2-hydroxyalkanoic acid.

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8. Use of a 2-hydroxyalkanoic acid to style hair.
9. Use of a 2-hydroxyalkanoic acid to impart a longer lasting hairstyle at high humidity.